

Department of Engineering
Tim Bryan, P.E., County Engineer

3137 South Liberty Street, Canton, MS 39046
Office (601) 790-2525 FAX (601) 859-3430

MEMORANDUM

May 19, 2023

To: Sheila Jones, Supervisor, District I
Trey Baxter, Supervisor, District II
Gerald Steen, Supervisor, District III
Karl Banks, Supervisor, District IV
Paul Griffin, Supervisor, District V

From: Tim Bryan, P.E., PTOE
County Engineer

Re: Comcast Cable Utility Permit
County Road Name, Old 51 Road

The Engineering Department recommends approval of the permit application for Comcast Cable is attaching 24 CT and 48 CT fiber to existing poles, boring and installing 2" HDPE to pull 48 CT and 24 CT fiber within the right-of-way owned by the County on Old 51 Road.



PERMIT APPLICATION FOR THE CONSTRUCTION OR ADJUSTMENT OF A UTILITY WITHIN COUNTY ROAD RIGHT-OF-WAY

Utility Information: Utility Name: COMCAST CABLE

Address: 3425 Malone Drive City/State/Zip: Chamblee/ GA/ 30-341

Contact Person: Linda Taibl Contact's Phone: _____

Project Information: County Road Name: Old 51 Rd

(If located within more than one road right-of-way, use Appendix 1 for additional descriptions)

Beginning Location: 32.860009, -89.941837 Ending Location: 32.828346, -89.956778

Length of Project: 9382FT Section: 34 Township: 3 Range: 69

Description of Work: COMCAST IS ATTACHING 24CT AND 48CT FIBER TO EXISTING POLES, BORING AND INSTALLING 2" HDPE TO PULL 48CT AND 24CT FIBER WITHIN THE RIGHT-OF-WAY OWNED BY THE COUNTY.

TOTAL INSTALLATION LENGTH IN ROW: 9382FT

Check Box if Appendix 1 is to be included as a part of this Application

Whereas the above stated Utility makes application to the **Madison County Board of Supervisors** for a Construction Permit. Attached hereto are drawings and plans for the construction of the above facilities located within Madison County owned public rights-of-way. Once stamped by the Madison County Engineering Department, these plans shall not be changed or altered without written approval of the County Engineer, or his representative. A copy of the approved permit and plans shall be on-site at all times during construction.

The Applicant Utility shall comply with all policies, procedures and construction practices as outlined in *A Policy for The Accommodation of Utility Facilities within the Right-of-Way of all Public County Roads* (hereinafter referred to as the "Policy"), as adopted on November 1, 2005, by the **Madison County Board of Supervisors**, and which is hereby made a part of this Application Agreement.

If facilities are to be located within the Rights-of-Way of the County-Federal or State Aid System, Applicant Utility also agrees to comply with applicable provisions of *S.O.P. No. SA II-2-8, Accommodation of Utilities on Rights-of-Way*, issued by the State Aid Engineer and dated July 1, 2005.

The Applicant Utility understands and agrees that, except as herein granted, no right, title, claim, or easement to said road right-of-way is granted by the issuance of this permit. If this Utility is listed in the general provisions of the Policy, it will be adjusted to comply with same without cost to the County, unless the variance from the Policy has been approved by the granting of the Permit pursuant to this Application.

The Applicant Utility further understands that the Utility's engineering, plant, or other personnel will be responsible for the staking and construction supervision of the work set out above and as shown on the attached plans. If work impacts traffic in any way, the appropriate traffic control shall be installed per the *Manual of Uniform Traffic Control Devices*, Latest Edition.

The Applicant Utility understands that the County Engineer, or his representative, may issue a Stop Work Order at any time if it is deemed that site conditions are not suitable for construction or if any of the requirements of this permit are not being met.

Many County Roads have variable Rights-of-Way and/or no Right-of-Way at all and are maintained under a Prescriptive Easement. It is the sole responsibility of the Applicant Utility to verify the existence and limits of public rights-of-way. If none exists, it is the

responsibility of the Applicant Utility to acquire an easement for their Facilities from the applicable property owner(s). **Madison County in no way verifies the limits of Right-of-Way as shown on the permit application.**

The Applicant Utility shall be responsible for all future maintenance and repair of the facilities installed under this permit. The Applicant Utility shall make future adjustments to, or relocate, the facilities located within road or highway right-of-way when required for road or highway widening or other road or highway construction at no cost to Madison County. The Applicant Utility shall relocate said utilities within sixty (60) days of notification by County by registered mail, return receipt requested, unless otherwise designated by the County Engineer. Further, any maintenance, repair, or construction shall be done in such a manner as to occasion no unreasonable interference with the normal flow and safety to traffic and at the expense of the utility company. When reasonable care has been taken to locate said utility facilities within the right-of-way, the Applicant Utility understands that any damages caused by routine maintenance and construction by County forces shall be borne by the Applicant Utility.

The Applicant Utility further agrees to indemnify and hold Madison County harmless for any and all claims, accidents, damages, liabilities and expenses occasioned wholly, or in part, by any act or omission of applicant, its agents or employees. In case County shall, without fault on its own part, be made a party to any litigation commenced by or against applicant, then applicant shall protect and hold County harmless, and shall pay all costs, expenses and reasonable attorney's fees incurred or paid by County in connection with said litigation.

All underground facilities shall be installed at a depth equal to or greater than 48" below the lowest adjacent grade.

All pipes carrying liquid shall be encased under County maintained roads.

WITNESS the signature of the Applicant this the 19 day of 04, 2023.

By: Linda Taibl
(Applicant Signature)

Title: Construction specialist

Note: *Applicant must be an employee of the Utility named in this application. The Madison County Board of Supervisors will not recognize a Contractor, Subcontractor, Agent, or Consulting Engineer as the Applicant. Utility Company shall be fully responsible for all work performed under this application.*

I, or my authorized representative, have reviewed this application and determined that the drawing, sketches, and plans submitted by the Applicant meet the requirements of *A Policy for The Accommodation of Utility Facilities within the Right-of-Way of all Public County Roads.*

APPROVED

By timothy.bryan at 2:16 pm, May 25, 2023

By: Tim Bryan, P.E.
County Engineer

AGREED TO AND APPROVED BY:

Madison County Board President

Date: _____

ENTERED INTO THE MINUTES OF THE BOARD OF SUPERVISORS OF MADISON COUNTY, MISSISSIPPI ON THIS _____ DAY OF _____, 20_____.

Appendix 1

County Road Name: OLD 51 RD

Beginning Location: 32.860009, -89.941837 Ending Location: 32.828346, -89.956778

Length of Project: 9382FT Section: 34 Township: 3 Range: 69

Description of Work: ATTACH NEW 24CT AND 48CT FIBER TO EXISTING POLES, BORE AND INSTALL 2" HDPE TO PULL NEW 24CT AND 48CT FIBER WITHIN THE OLD 51 RD RIGHT-OF WAY.

County Road Name: _____

Beginning Location: _____ Ending Location: _____

Length of Project: _____ Section: _____ Township: _____ Range: _____

Description of Work: _____

County Road Name: _____

Beginning Location: _____ Ending Location: _____

Length of Project: _____ Section: _____ Township: _____ Range: _____

Description of Work: _____

County Road Name: _____

Beginning Location: _____ Ending Location: _____

Length of Project: _____ Section: _____ Township: _____ Range: _____

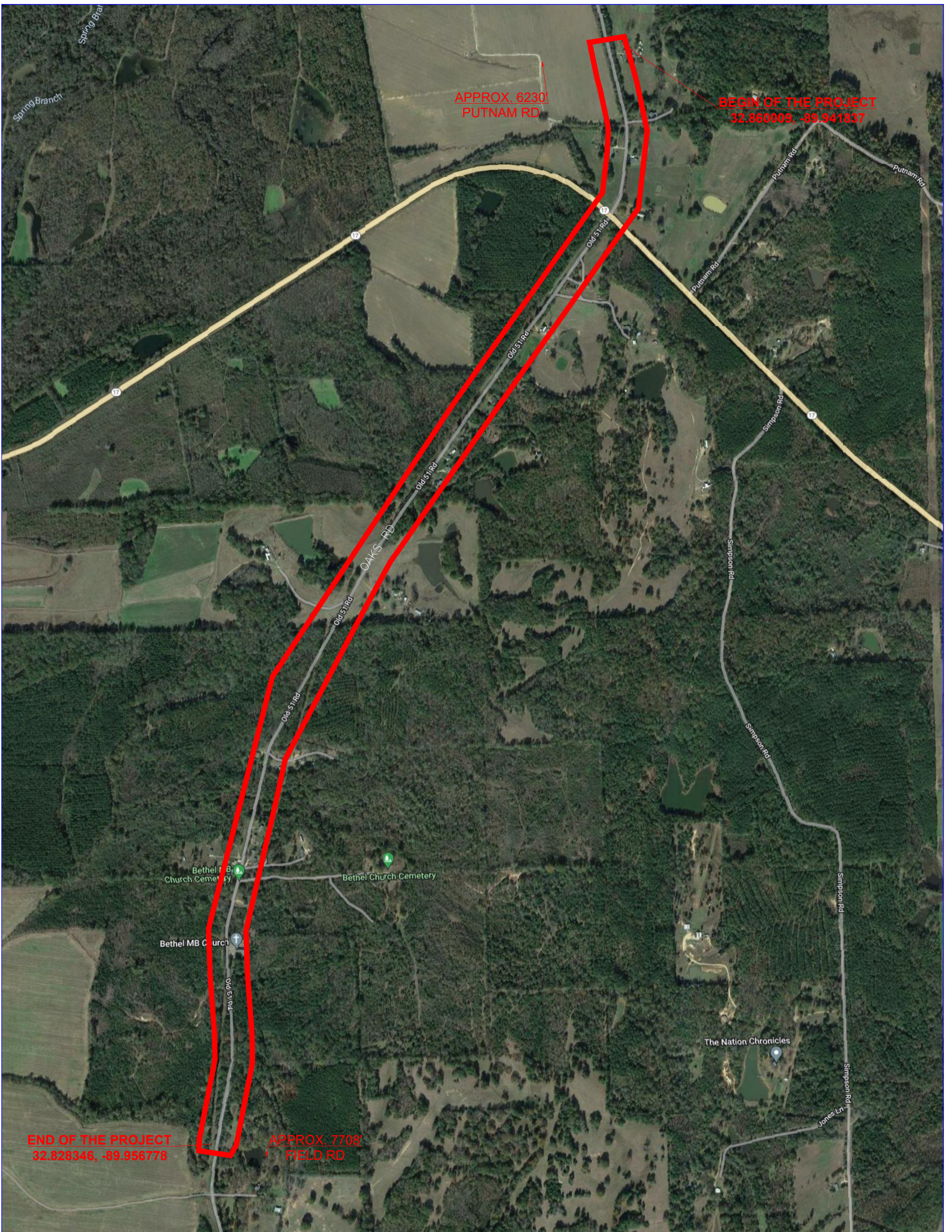
Description of Work: _____



County Road Name: _____

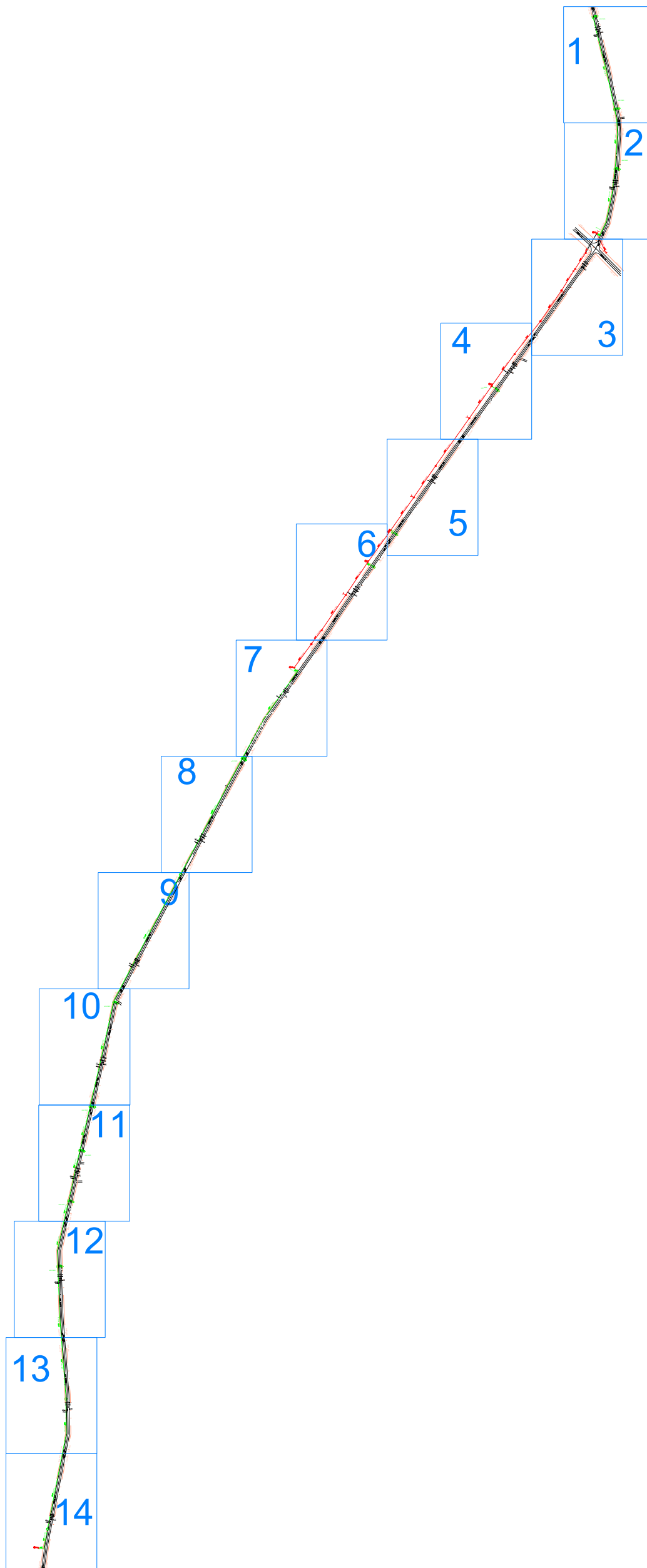
Beginning Location: _____ Ending Location: _____

Length of Project: _____ Section: _____ Township: _____ Range: _____

Description of Work: _____



| | | |
|--|---|---|
| PREPARED BY: | COMCAST IS ATTACHING FIBER TO EXISTING POLES BORING AND INSTALLING NEW CONDUIT WITHIN THE RIGH-OF-WAY OWNED BY THE COUNTY. | ENGINEERED FOR: |
|  QUASAR, INC. | TOTAL: 9382 FT |  |
| NO SCALE | | |



PREPARED BY:

COMCAST IS ATTACHING FIBER AND COAX TO EXISTING POLES BORING AND INSTALLING NEW CONDUIT WITHIN THE RIGH-OF-WAY OWNED BY THE MADISON COUNTY.

ENGINEERED FOR:



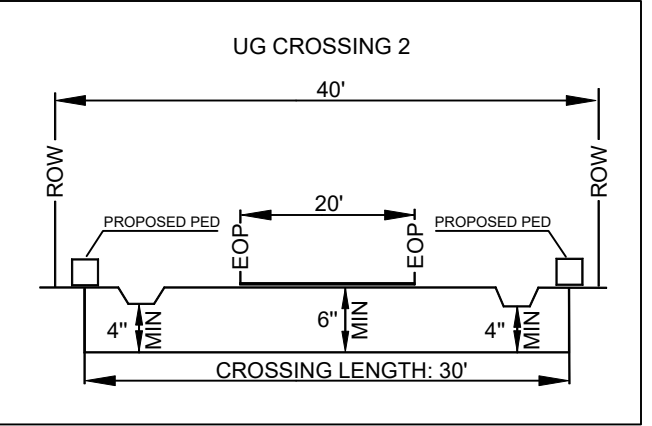
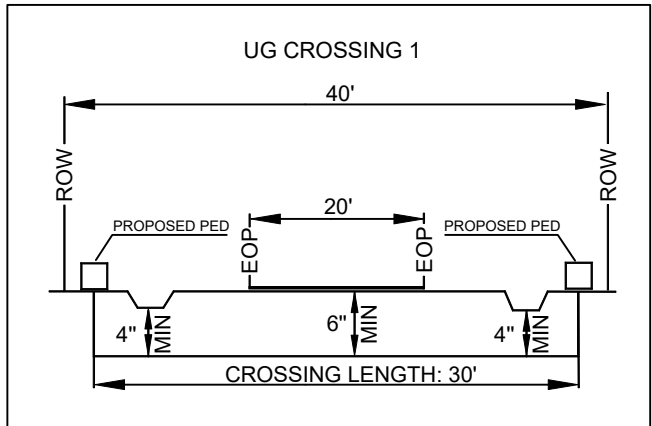
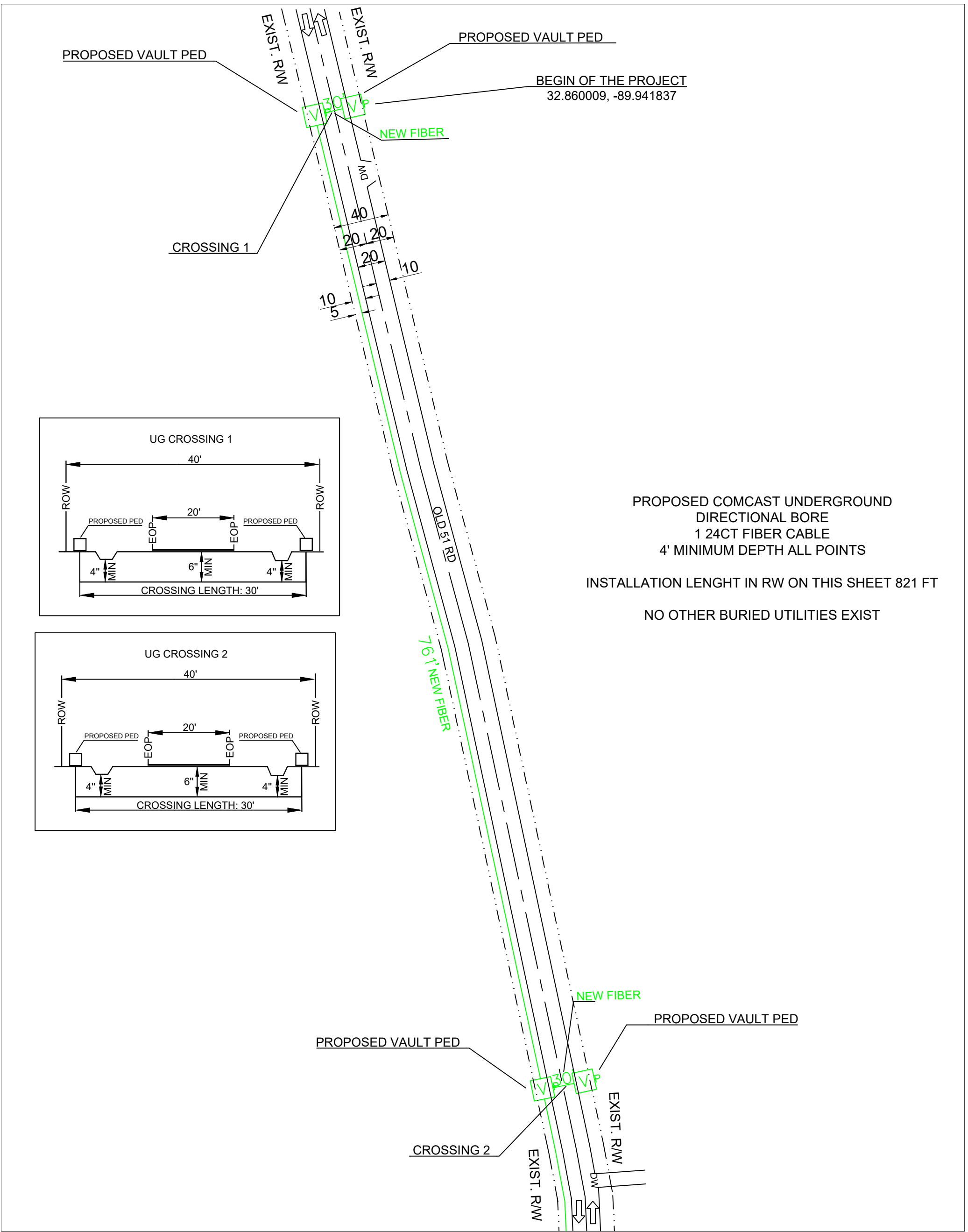
QUASAR, INC.

TOTAL:9382 FT

NO SCALE



NO MATCH SHEET



PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 1 24CT FIBER CABLE
 4' MINIMUM DEPTH ALL POINTS
 INSTALLATION LENGTH IN RW ON THIS SHEET 821 FT
 NO OTHER BURIED UTILITIES EXIST

MATCH SHEET 2

NO MATCH SHEET

NO MATCH SHEET

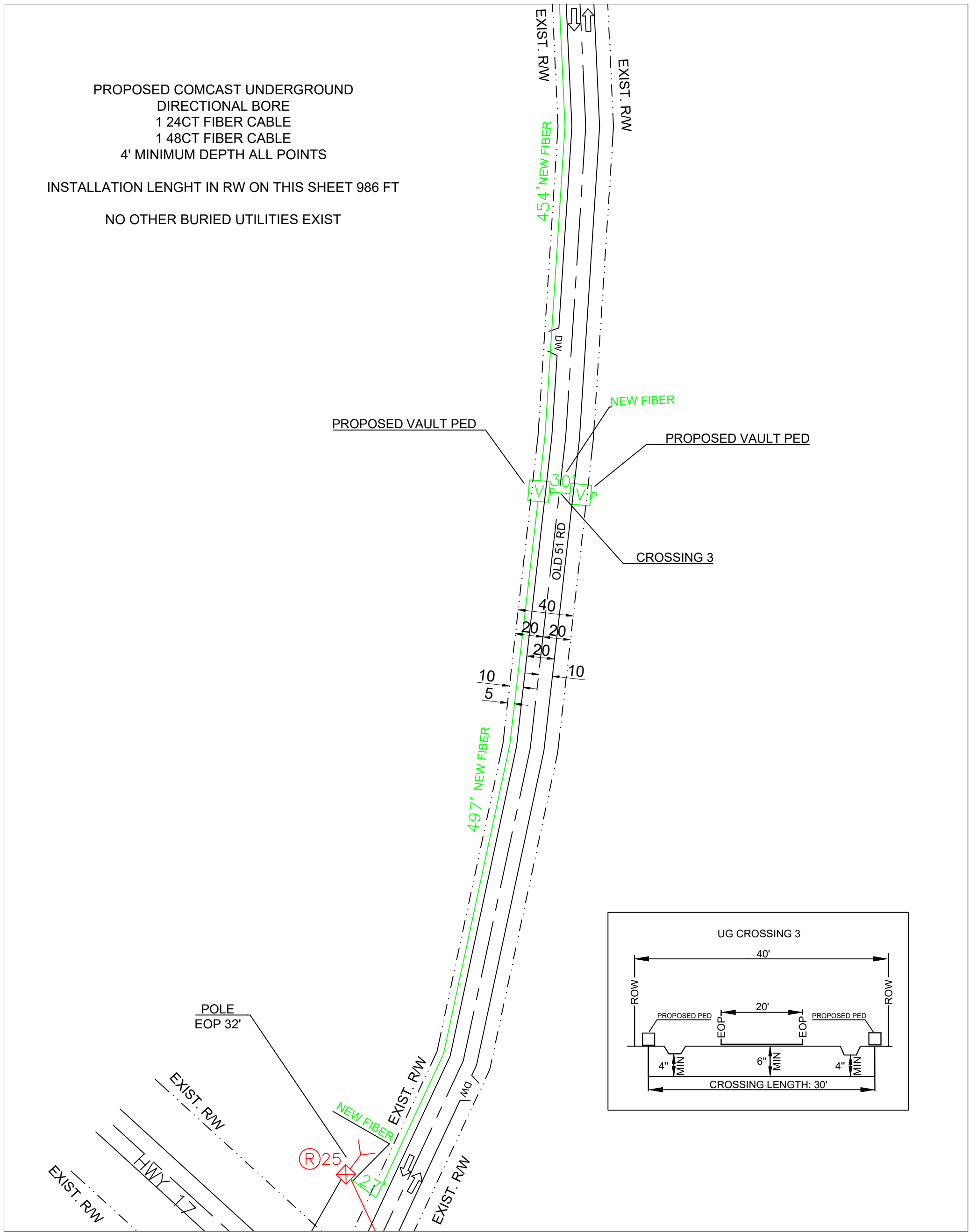
| | | | | | |
|------------------|--|---|--|---------------------|--|
| PREPARED BY: | ✕ ✕ ✕ ✕ EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | - - - - - RIGHT OF WAY LINE ——— IRRIGATION LINE ——— WATER LANE ——— GAS LANE PROPOSED ANCHOR PROPOSED RISER | - - - - - PROPOSED COAXIAL CABLE ——— PROPOSED FIBER CABLE ——— PROPOSED DIRECTIONAL BORE ——— EXISTING CABLE ——— COUNTY LINE | ENGINEERED FOR: | MADISON COUNTY OAKS RD/OLD 51 RD TRANSPORT FIBER |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | NO SCALE | SHEET 1 OF 14 | |

MATCH SHEET 1

PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 1 24CT FIBER CABLE
 1 48CT FIBER CABLE
 4' MINIMUM DEPTH ALL POINTS

INSTALLATION LENGTH IN RW ON THIS SHEET 986 FT

NO OTHER BURIED UTILITIES EXIST



NO MATCH SHEET

NO MATCH SHEET

MATCH SHEET 3

| | | | | | |
|----------------------|--|---|--|-------------------------|--|
| PREPARED BY: | ✕ ✕ ✕ ✕ EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | - - - - - RIGHT OF WAY LINE ——— IRRIGATION LINE ——— WATER LANE ——— GAS LANE PROPOSED ANCHOR PROPOSED RISER | - - - - - PROPOSED COAXIAL CABLE ——— PROPOSED FIBER CABLE ——— PROPOSED DIRECTIONAL BORE ——— EXISTING CABLE ——— COUNTY LINE | ENGINEERED FOR: | MADISON COUNTY OAKS RD/OLD 51 RD TRANSPORT FIBER |
| | QUASAR, INC. | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | NO SCALE | SHEET 2 OF 14 |

NO MATCH SHEET

PROPOSED COMCAST NEW ATTACHMENT
1 48CT FIBER CABLE
18' MINIMUM HEIGHT AT ALL POINTS

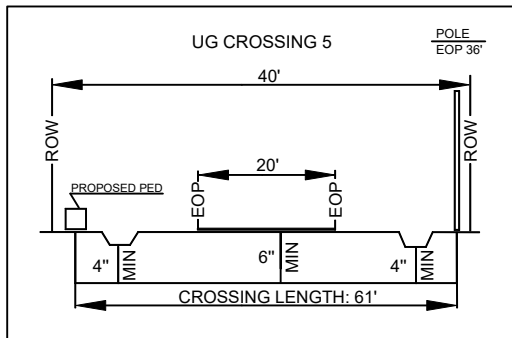
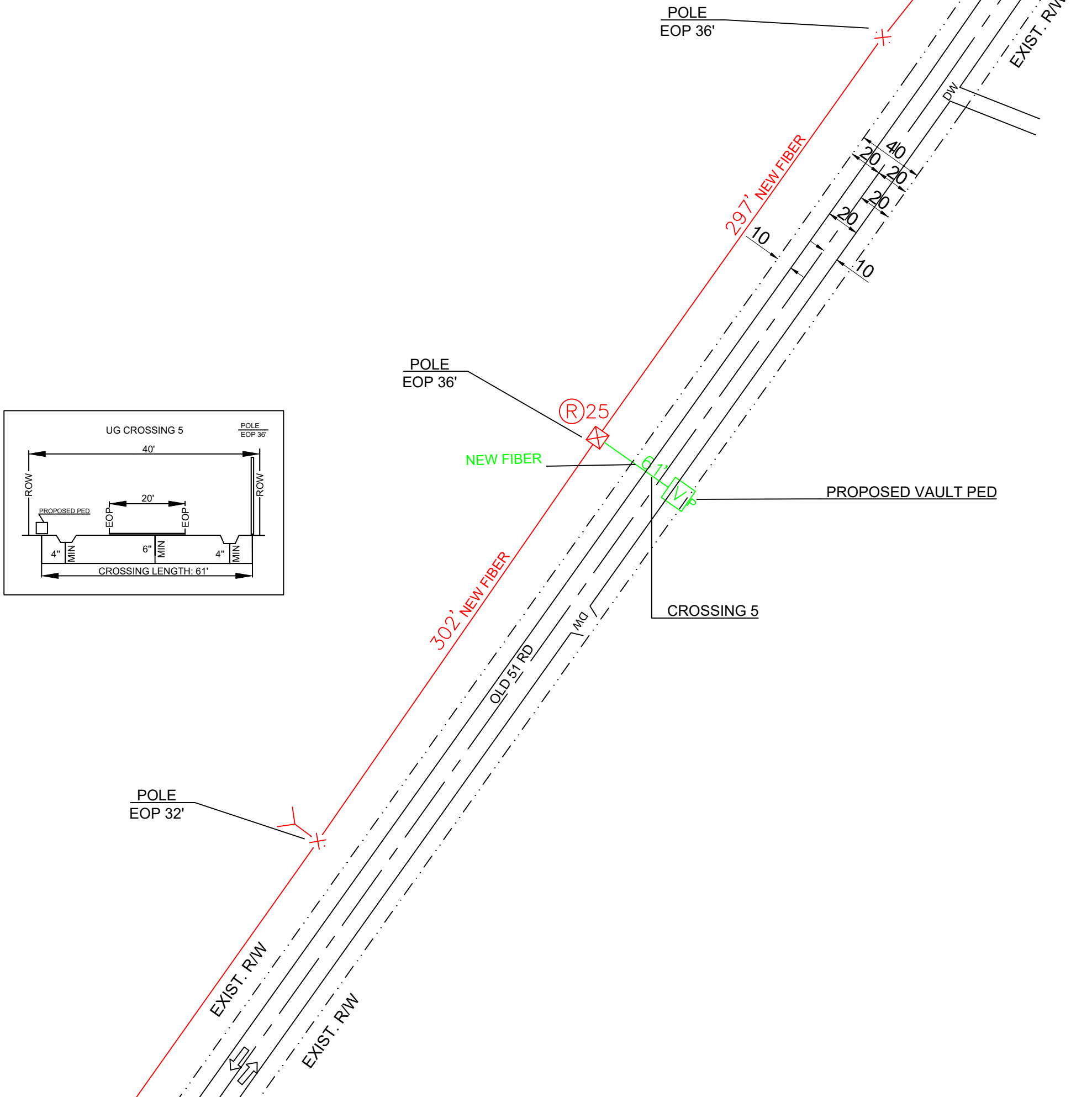
PROPOSED COMCAST UNDERGROUND
DIRECTIONAL BORE
1 48CT FIBER CABLE
4' MINIMUM DEPTH ALL POINTS

INSTALLATION LENGTH IN RW ON THIS SHEET 35 FT

NO OTHER BURIED UTILITIES EXIST

MATCH SHEET 3

NO MATCH SHEET



MATCH SHEET 5

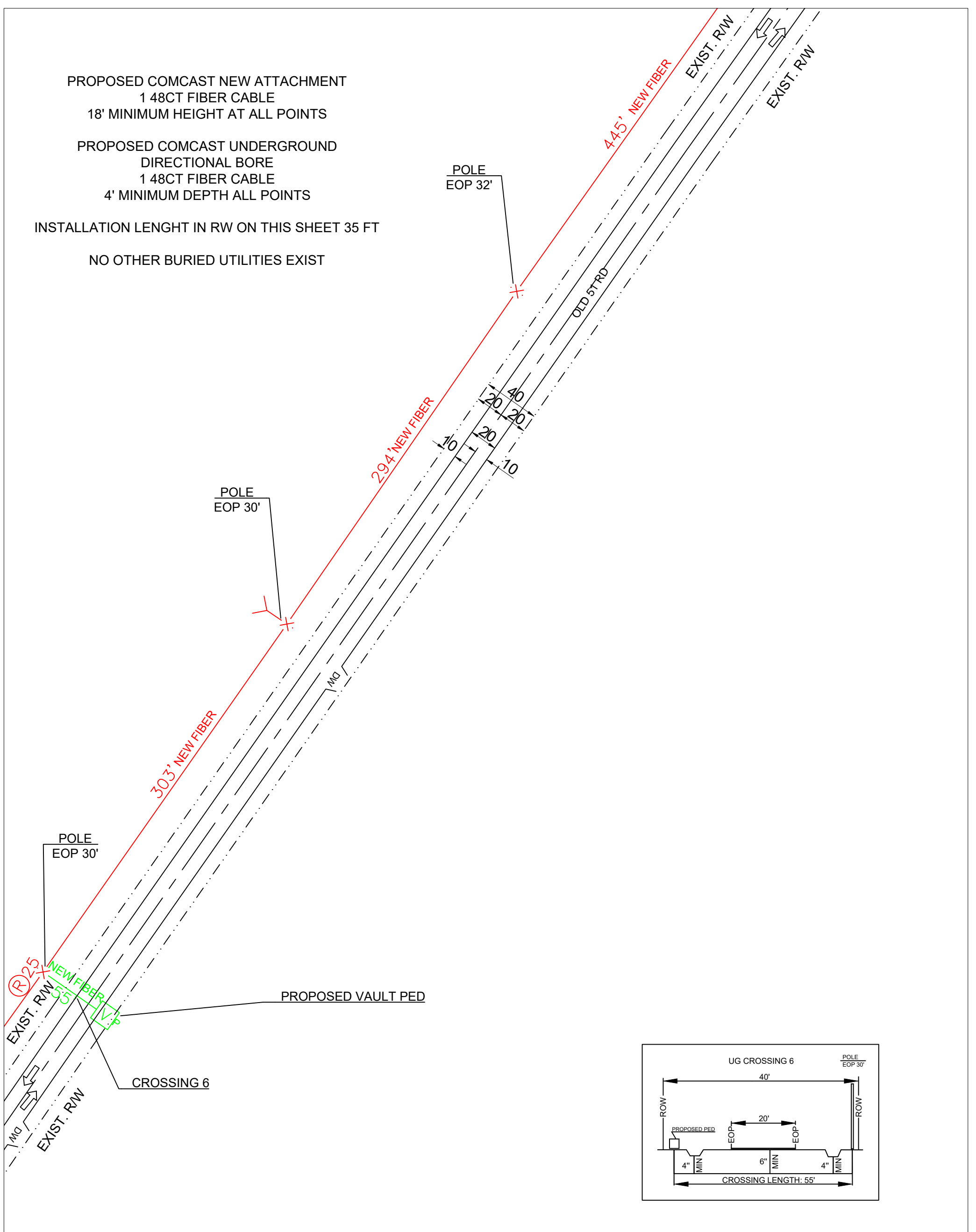
| | | | | |
|---------------------|---|--|---|--|
| <p>PREPARED BY:</p> | <p>EXISTING POLE</p> <p>PROPOSED PEDESTAL</p> <p>PROPOSED VAULT</p> <p>WATER VALVE</p> <p>FIBER MARKER</p> <p>GAS MARKER</p> <p>MANHOLE</p> <p>SEWER MANHOLE</p> <p>STORM DRAIN</p> | <p>RIGHT OF WAY LINE</p> <p>IRRIGATION LINE</p> <p>WATER LANE</p> <p>GAS LANE</p> <p>PROPOSED ANCHOR</p> <p>PROPOSED RISER</p> | <p>PROPOSED COAXIAL CABLE</p> <p>PROPOSED FIBER CABLE</p> <p>PROPOSED DIRECTIONAL BORE</p> <p>EXISTING CABLE</p> <p>COUNTY LINE</p> | <p>ENGINEERED FOR:</p> <p>MADISON COUNTY</p> <p>OAKS RD/OLD 51 RD</p> <p>TRANSPORT FIBER</p> |
| | <p>LEGEND:</p> <p>RW - RIGHT OF WAY</p> <p>EOP - EDGE OF PAVEMENT</p> <p>DW - DRIVEWAY</p> <p>PDW - PAVED DRIVEWAY</p> | <p>NOTES:</p> <p>BORE HOLE TO BE FILLED SAME DAY</p> <p>VAULT HOLE TO BE FILLED SAME DAY</p> <p>ALL HOLE TO BE TAMPED AND SODDED</p> | <p>COMCAST</p> | <p>NO SCALE</p> <p>SHEET 4 OF 14</p> |

PROPOSED COMCAST NEW ATTACHMENT
1 48CT FIBER CABLE
18' MINIMUM HEIGHT AT ALL POINTS

PROPOSED COMCAST UNDERGROUND
DIRECTIONAL BORE
1 48CT FIBER CABLE
4' MINIMUM DEPTH ALL POINTS

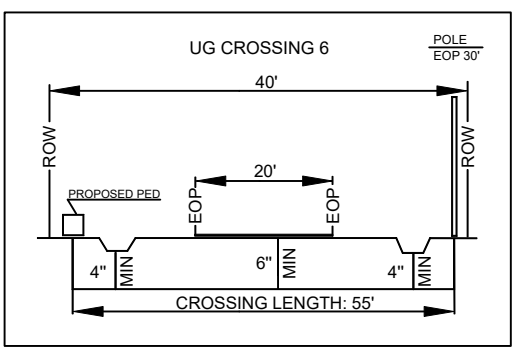
INSTALLATION LENGTH IN RW ON THIS SHEET 35 FT

NO OTHER BURIED UTILITIES EXIST



MATCH SHEET 6

NO MATCH SHEET



NO MATCH SHEET

| | | | | |
|---------------------|--|--|------------------------|---|
| <p>PREPARED BY:</p> | <p> ✗ EXISTING POLE □ PROPOSED PEDESTAL ▣ PROPOSED VAULT W WATER VALVE F FIBER MARKER C GAS MARKER MH MANHOLE SM SEWER MANHOLE SD STORM DRAIN --- RIGHT OF WAY LINE --- IRRIGATION LINE --- WATER LANE --- GAS LANE --- PROPOSED ANCHOR R 25 PROPOSED RISER </p> | <p> --- PROPOSED COAXIAL CABLE --- PROPOSED FIBER CABLE --- PROPOSED DIRECTIONAL BORE --- EXISTING CABLE --- COUNTY LINE </p> | <p>ENGINEERED FOR:</p> | <p>MADISON COUNTY OAKS RD/OLD 51 RD TRANSPORT FIBER</p> |
| | <p> LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY </p> | <p> NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED </p> | | <p>NO SCALE SHEET 5 OF 14</p> |

NO MATCH SHEET

PROPOSED COMCAST NEW ATTACHMENT
1 48CT FIBER CABLE
18' MINIMUM HEIGHT AT ALL POINTS

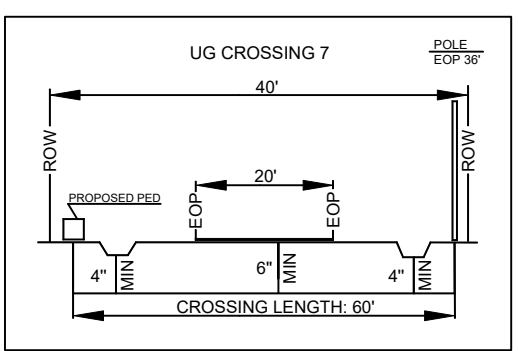
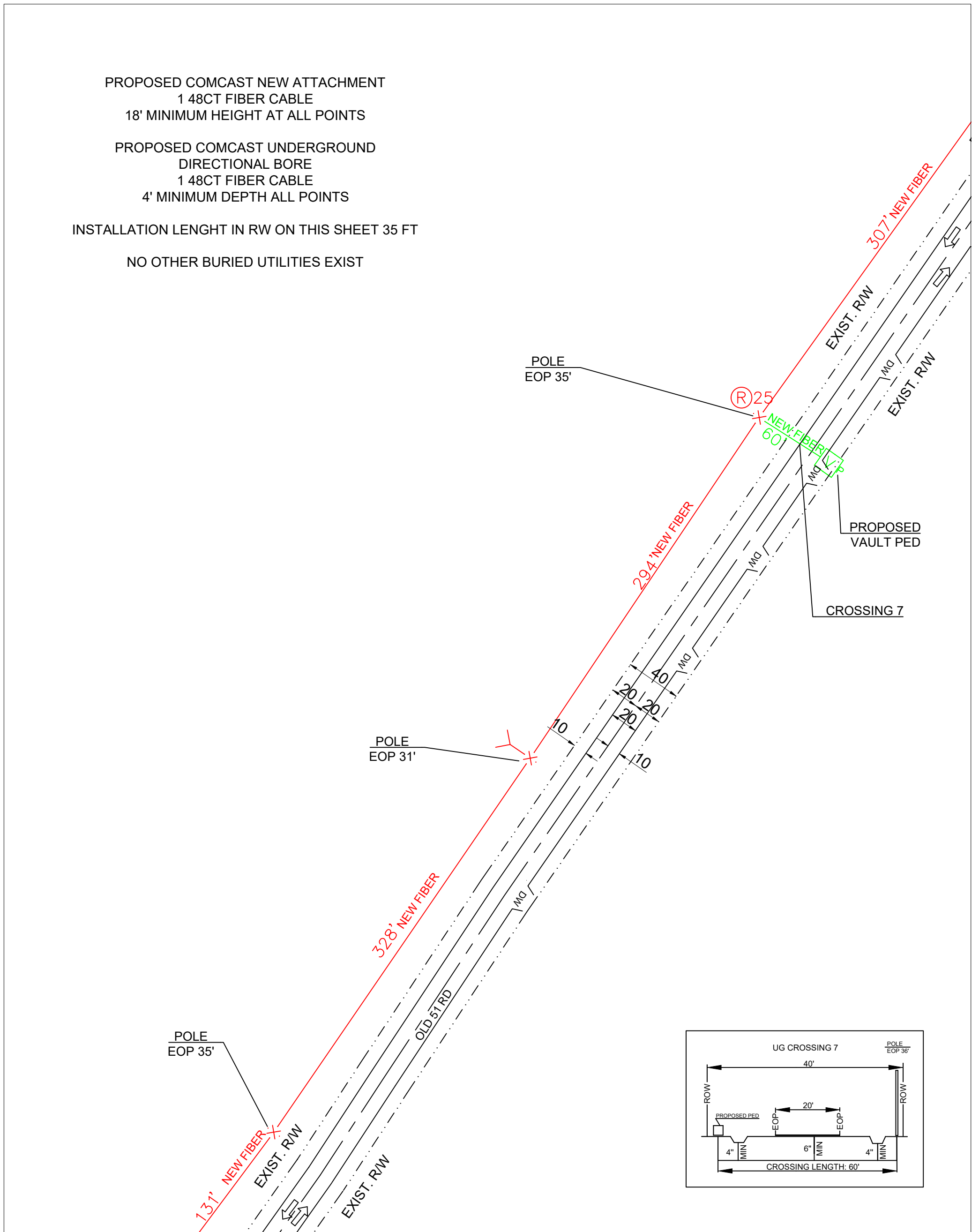
PROPOSED COMCAST UNDERGROUND
DIRECTIONAL BORE
1 48CT FIBER CABLE
4' MINIMUM DEPTH ALL POINTS

INSTALLATION LENGTH IN RW ON THIS SHEET 35 FT

NO OTHER BURIED UTILITIES EXIST

MATCH SHEET 5

NO MATCH SHEET



MATCH SHEET 7

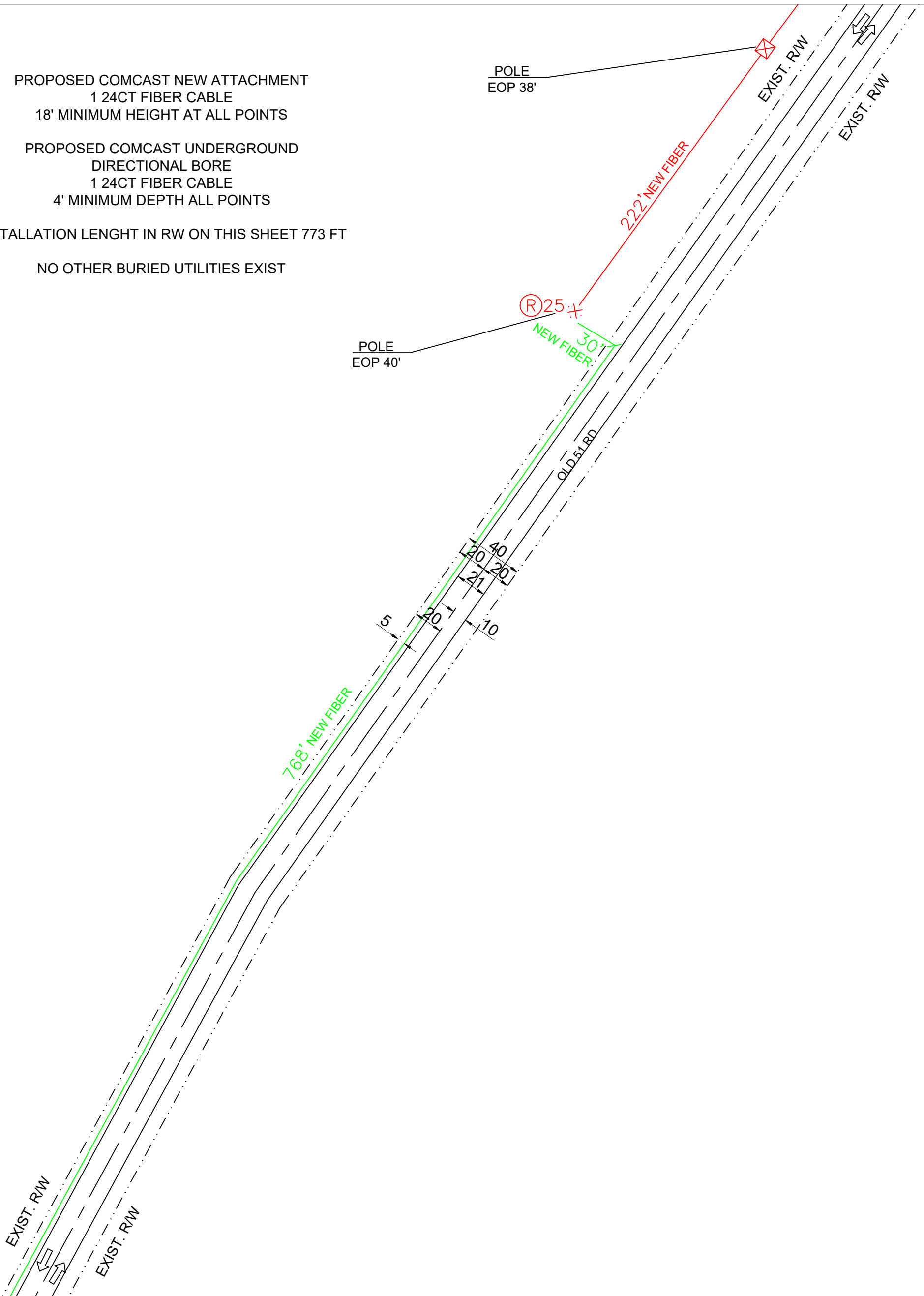
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| <p>PREPARED BY:</p> | <p>EXISTING POLE</p> <p>PROPOSED PEDESTAL</p> <p>PROPOSED VAULT</p> <p>WATER VALVE</p> <p>FIBER MARKER</p> <p>GAS MARKER</p> <p>MANHOLE</p> <p>SEWER MANHOLE</p> <p>STORM DRAIN</p> | <p>RIGHT OF WAY LINE</p> <p>IRRIGATION LINE</p> <p>WATER LANE</p> <p>GAS LANE</p> <p>PROPOSED ANCHOR</p> <p>PROPOSED RISER</p> | <p>PROPOSED COAXIAL CABLE</p> <p>PROPOSED FIBER CABLE</p> <p>PROPOSED DIRECTIONAL BORE</p> <p>EXISTING CABLE</p> <p>COUNTY LINE</p> | <p>ENGINEERED FOR:</p> <p>MADISON COUNTY</p> <p>OAKS RD/OLD 51 RD</p> <p>TRANSPORT FIBER</p> |
| | <p>LEGEND:</p> <p>RW - RIGHT OF WAY</p> <p>EOP - EDGE OF PAVEMENT</p> <p>DW - DRIVEWAY</p> <p>PDW - PAVED DRIVEWAY</p> | <p>NOTES:</p> <p>BORE HOLE TO BE FILLED SAME DAY</p> <p>VAULT HOLE TO BE FILLED SAME DAY</p> <p>ALL HOLE TO BE TAMPED AND SODDED</p> | <p>COMCAST</p> | <p>NO SCALE</p> <p>SHEET 6 OF 14</p> |

PROPOSED COMCAST NEW ATTACHMENT
1 24CT FIBER CABLE
18' MINIMUM HEIGHT AT ALL POINTS

PROPOSED COMCAST UNDERGROUND
DIRECTIONAL BORE
1 24CT FIBER CABLE
4' MINIMUM DEPTH ALL POINTS

INSTALLATION LENGTH IN RW ON THIS SHEET 773 FT

NO OTHER BURIED UTILITIES EXIST

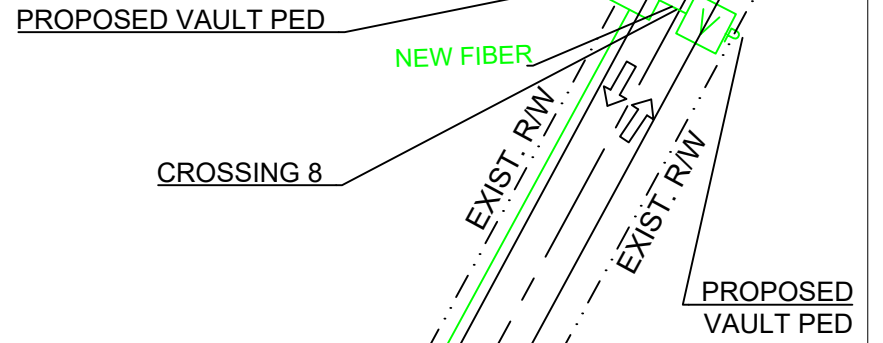


NO MATCH SHEET

NO MATCH SHEET

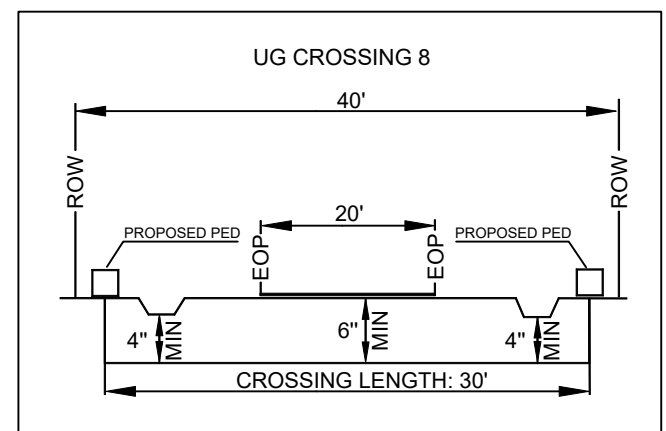
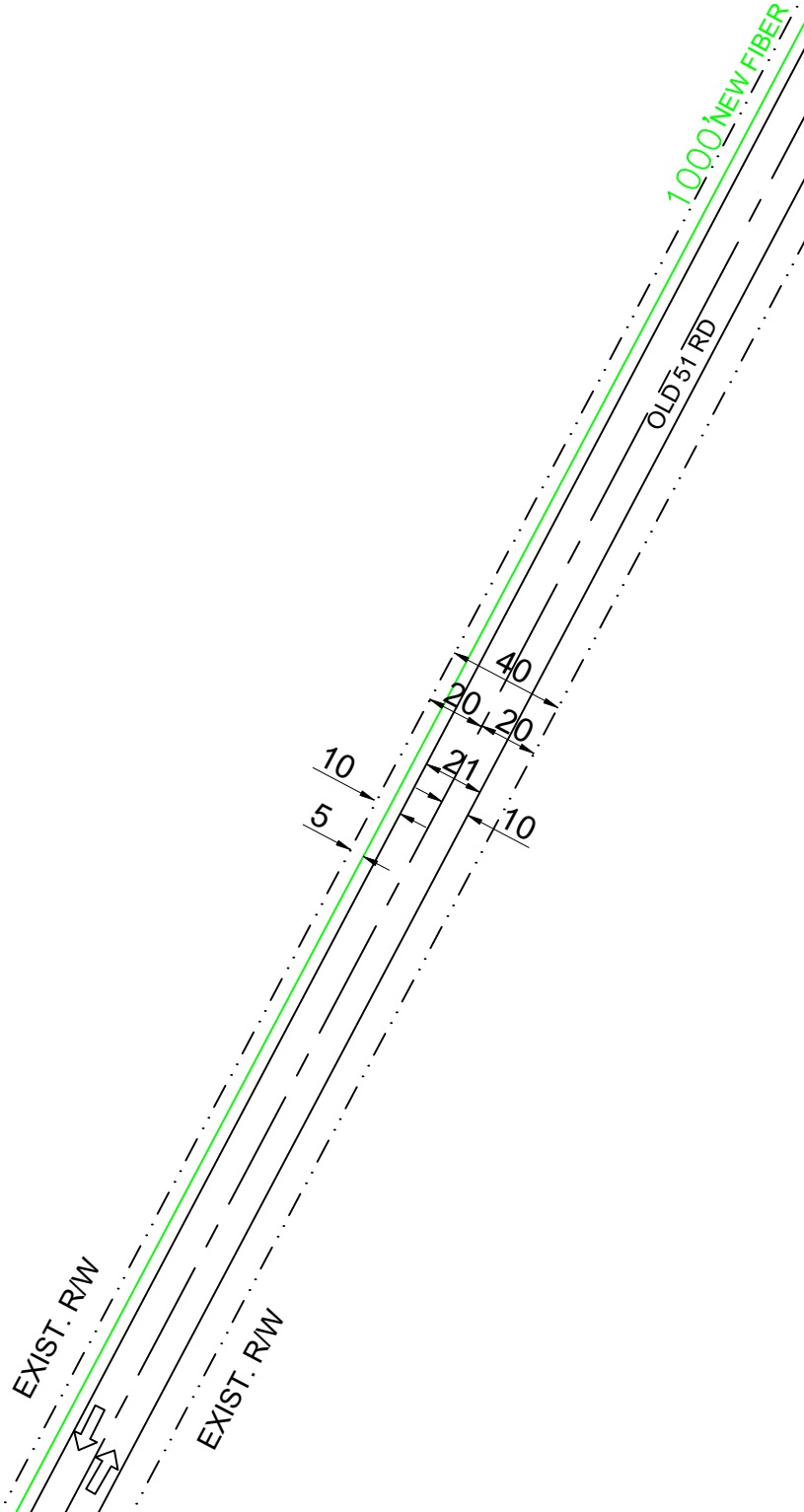
| | | | | | | | |
|---------------------|---|---|---|------------------------|---|-----------------|----------------------|
| <p>PREPARED BY:</p> | <p>EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN</p> | <p>RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER</p> | <p>PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE COUNTY LINE</p> | <p>ENGINEERED FOR:</p> | <p>MADISON COUNTY OAKS RD/OLD 51 RD TRANSPORT FIBER</p> | <p>NO SCALE</p> | <p>SHEET 7 OF 14</p> |
| | <p>LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY</p> | <p>NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED</p> | | | | | |

PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 1 24CT FIBER CABLE
 4' MINIMUM DEPTH ALL POINTS
 INSTALLATION LENGTH IN RW ON THIS SHEET 1030 FT
 NO OTHER BURIED UTILITIES EXIST



NO MATCH SHEET

NO MATCH SHEET



MATCH SHEET 9

| | | | | |
|----------------------|--|---|--|---|
| PREPARED BY: | ✕ ✕ ✕ ✕ EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | - - - - - RIGHT OF WAY LINE ——— IRRIGATION LINE ——— WATER LANE ——— GAS LANE PROPOSED ANCHOR PROPOSED RISER | - - - - - PROPOSED COAXIAL CABLE ——— PROPOSED FIBER CABLE ——— PROPOSED DIRECTIONAL BORE ——— EXISTING CABLE ——— COUNTY LINE | ENGINEERED FOR: MADISON COUNTY OAKS RD/OLD 51 RD TRANSPORT FIBER |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | | NO SCALE SHEET 8 OF 14 |

PROPOSED COMCAST UNDERGROUND
DIRECTIONAL BORE
1 24CT FIBER CABLE
4' MINIMUM DEPTH ALL POINTS

INSTALLATION LENGTH IN RW ON THIS SHEET 1116 FT

NO OTHER BURIED UTILITIES EXIST

PROPOSED PED

EXIST. RW

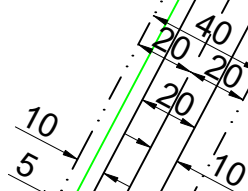
EXIST. RW

1116' NEW FIBER

OLD 51 RD

EXIST. RW

EXIST. RW



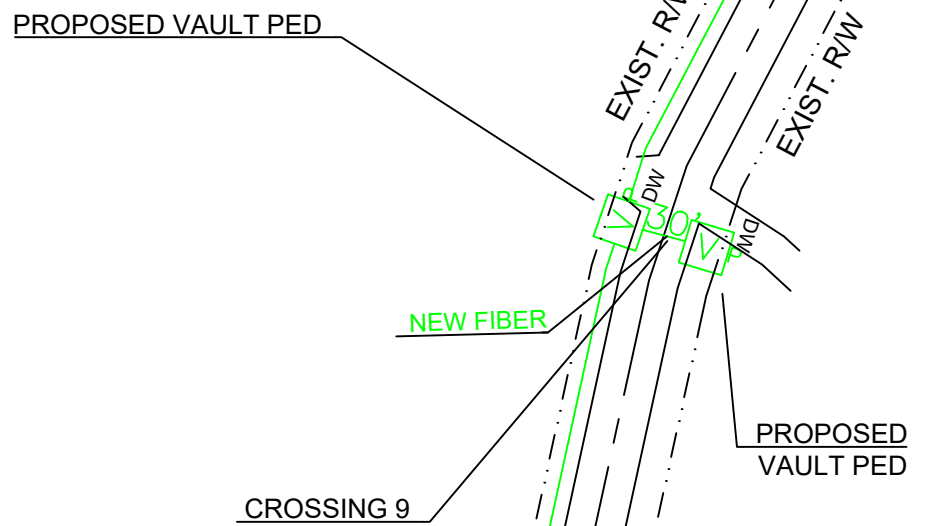
MATCH SHEET 10

NO MATCH SHEET

NO MATCH SHEET

| | | | | | | |
|---------------------|--|--|--|------------------------|---|---------------------------------|
| <p>PREPARED BY:</p> | <ul style="list-style-type: none"> ✘ EXISTING POLE □ PROPOSED PEDESTAL ▣ PROPOSED VAULT ⊕ WATER VALVE ⊕ FIBER MARKER ⊕ GAS MARKER ⊕ MANHOLE ⊕ SEWER MANHOLE ⊕ STORM DRAIN | <ul style="list-style-type: none"> --- RIGHT OF WAY LINE --- IRRIGATION LINE --- WATER LANE --- GAS LANE ⊕ PROPOSED ANCHOR ⊕ PROPOSED RISER <p>LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY</p> | <ul style="list-style-type: none"> --- PROPOSED COAXIAL CABLE --- PROPOSED FIBER CABLE --- PROPOSED DIRECTIONAL BORE --- EXISTING CABLE --- COUNTY LINE <p>NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED</p> | <p>ENGINEERED FOR:</p> | <p>MADISON COUNTY OAKS RD/OLD 51 RD TRANSPORT FIBER</p> | <p>NO SCALE SHEET 9 OF 14</p> |
|---------------------|--|--|--|------------------------|---|---------------------------------|

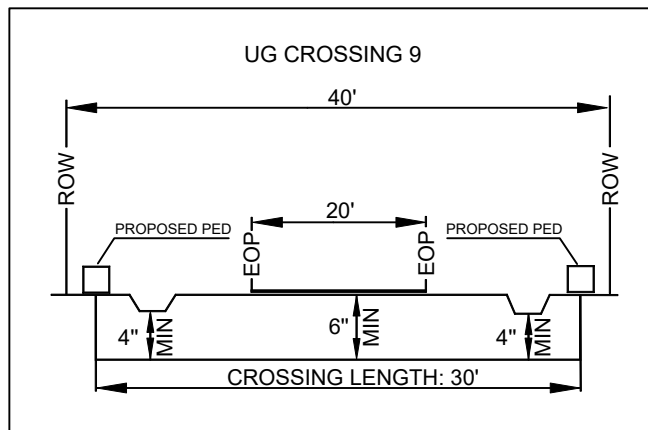
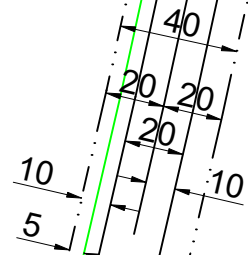
PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 1 24CT FIBER CABLE
 4' MINIMUM DEPTH ALL POINTS
 INSTALLATION LENGTH IN RW ON THIS SHEET 913 FT
 NO OTHER BURIED UTILITIES EXIST



CROSSING 9

88.3' NEW FIBER

OLD 51 RD



NO MATCH SHEET

NO MATCH SHEET

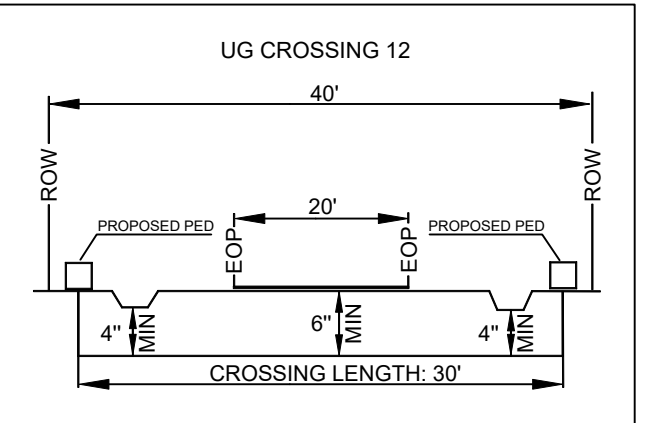
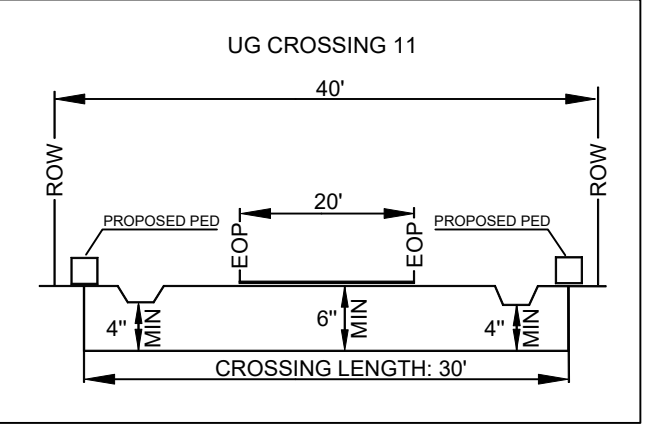
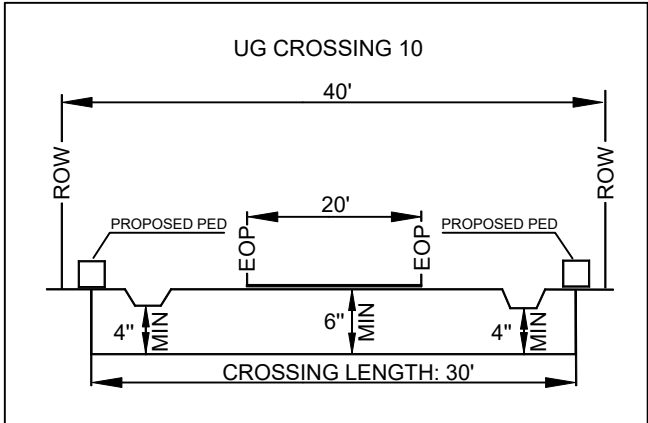
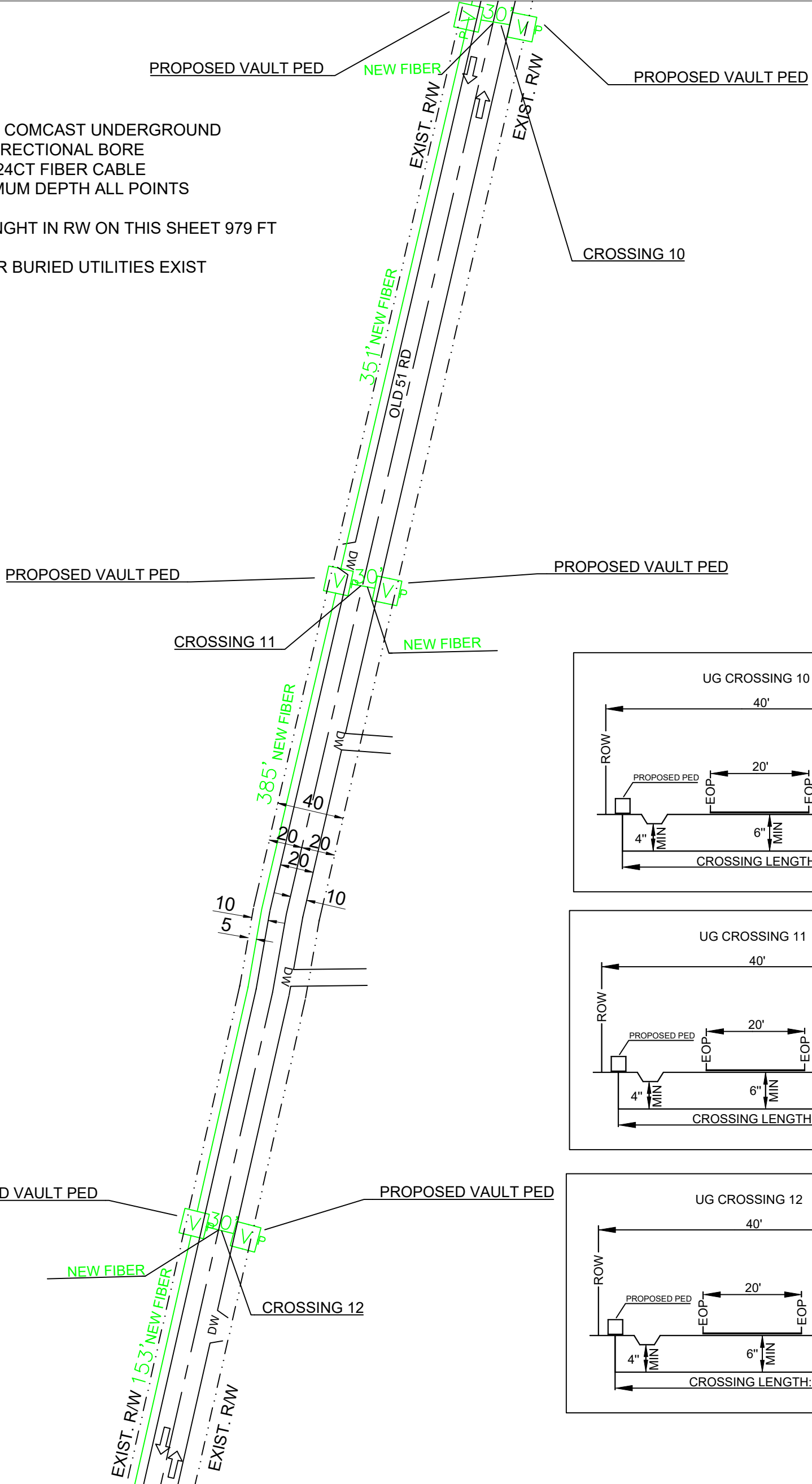
| | | | | | |
|----------------------|--|---|--|---|----------------------------|
| PREPARED BY: | ✕ ✕ ✕ ✕ EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | - - - - - RIGHT OF WAY LINE ——— IRRIGATION LINE ——— WATER LANE ——— GAS LANE PROPOSED ANCHOR PROPOSED RISER | - - - - - PROPOSED COAXIAL CABLE ——— PROPOSED FIBER CABLE ——— PROPOSED DIRECTIONAL BORE ——— EXISTING CABLE ——— COUNTY LINE | ENGINEERED FOR: MADISON COUNTY OAKS RD/OLD 51 RD TRANSPORT FIBER | NO SCALE SHEET 10 OF 14 |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | | | |

MATCH SHEET 10

PROPOSED COMCAST UNDERGROUND
DIRECTIONAL BORE
1 24CT FIBER CABLE
4' MINIMUM DEPTH ALL POINTS

INSTALLATION LENGTH IN RW ON THIS SHEET 979 FT

NO OTHER BURIED UTILITIES EXIST



MATCH SHEET 12

NO MATCH SHEET

NO MATCH SHEET

| | | | | | |
|----------------------|--|---|--|-------------------------|--|
| PREPARED BY: | EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | RIGHT OF WAY LINE IRRIGATION LINE WATER LANE GAS LANE PROPOSED ANCHOR PROPOSED RISER | PROPOSED COAXIAL CABLE PROPOSED FIBER CABLE PROPOSED DIRECTIONAL BORE EXISTING CABLE COUNTY LINE | ENGINEERED FOR: | MADISON COUNTY OAKS RD/OLD 51 RD TRANSPORT FIBER |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | NO SCALE | SHEET 11 OF 14 | |

MATCH SHEET 11

PROPOSED COMCAST UNDERGROUND
DIRECTIONAL BORE
1 24CT FIBER CABLE
4' MINIMUM DEPTH ALL POINTS
INSTALLATION LENGTH IN RW ON THIS SHEET 995 FT
NO OTHER BURIED UTILITIES EXIST

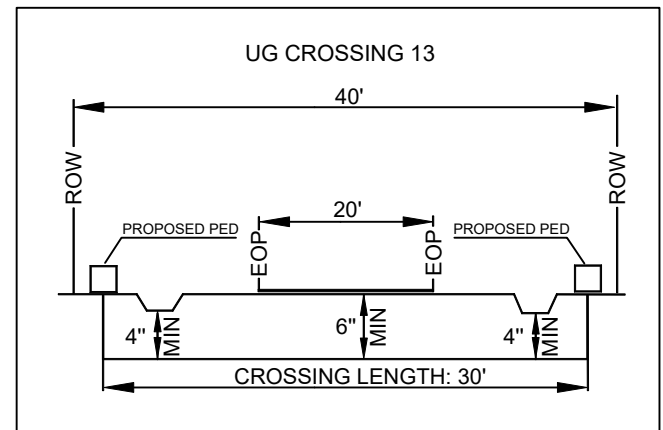
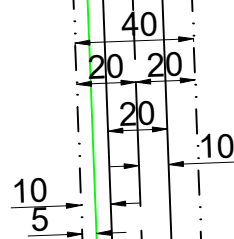
PROPOSED VAULT PED

PROPOSED VAULT PED

NEW FIBER

CROSSING 13

OLD 51 RD



MATCH SHEET 13

PREPARED BY:



- ✘ EXISTING POLE
- PROPOSED PEDESTAL
- PROPOSED VAULT
- W WATER VALVE
- F FIBER MARKER
- C GAS MARKER
- MH MANHOLE
- SM SEWER MANHOLE
- SD STORM DRAIN
- RIGHT OF WAY LINE
- IRRIGATION LINE
- WATER LANE
- GAS LANE
- PROPOSED ANCHOR
- Ⓜ25 PROPOSED RISER
- PROPOSED COAXIAL CABLE
- PROPOSED FIBER CABLE
- PROPOSED DIRECTIONAL BORE
- EXISTING CABLE
- COUNTY LINE

LEGEND:
RW - RIGHT OF WAY
EOP - EDGE OF PAVEMENT
DW - DRIVEWAY
PDW - PAVED DRIVEWAY

NOTES:
BORE HOLE TO BE FILLED SAME DAY
VAULT HOLE TO BE FILLED SAME DAY
ALL HOLE TO BE TAMPED AND SODDED

ENGINEERED FOR:



MADISON COUNTY
OAKS RD/OLD 51 RD
TRANSPORT FIBER

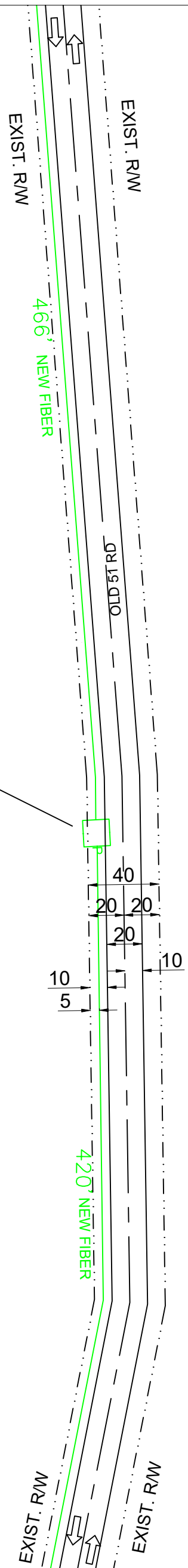
NO SCALE SHEET 12 OF 14

NO MATCH SHEET

NO MATCH SHEET

MATCH SHEET 12

PROPOSED COMCAST UNDERGROUND
 DIRECTIONAL BORE
 1 24CT FIBER CABLE
 4' MINIMUM DEPTH ALL POINTS
 INSTALLATION LENGTH IN RW ON THIS SHEET 886 FT
 NO OTHER BURIED UTILITIES EXIST



PROPOSED PED

NO MATCH SHEET

NO MATCH SHEET

MATCH SHEET 14

| | | | | | |
|----------------------|--|---|--|-------------------------|--|
| PREPARED BY: | ✕ ✕ ✕ ✕ EXISTING POLE PROPOSED PEDESTAL PROPOSED VAULT WATER VALVE FIBER MARKER GAS MARKER MANHOLE SEWER MANHOLE STORM DRAIN | - - - - - RIGHT OF WAY LINE ——— IRRIGATION LINE ——— WATER LANE ——— GAS LANE PROPOSED ANCHOR PROPOSED RISER | - - - - - PROPOSED COAXIAL CABLE ——— PROPOSED FIBER CABLE ——— PROPOSED DIRECTIONAL BORE ——— EXISTING CABLE ——— COUNTY LINE | ENGINEERED FOR: | MADISON COUNTY OAKS RD/OLD 51 RD TRANSPORT FIBER |
| | LEGEND: RW - RIGHT OF WAY EOP - EDGE OF PAVEMENT DW - DRIVEWAY PDW - PAVED DRIVEWAY | NOTES: BORE HOLE TO BE FILLED SAME DAY VAULT HOLE TO BE FILLED SAME DAY ALL HOLE TO BE TAMPED AND SODDED | NO SCALE | SHEET 13 OF 14 | |

MATCH SHEET 13

PROPOSED COMCAST NEW ATTACHMENT
1 24CT FIBER CABLE
18' MINIMUM HEIGHT AT ALL POINTS

PROPOSED COMCAST UNDERGROUND
DIRECTIONAL BORE
1 24CT FIBER CABLE
4' MINIMUM DEPTH ALL POINTS

INSTALLATION LENGTH IN RW ON THIS SHEET 721 FT

NO OTHER BURIED UTILITIES EXIST

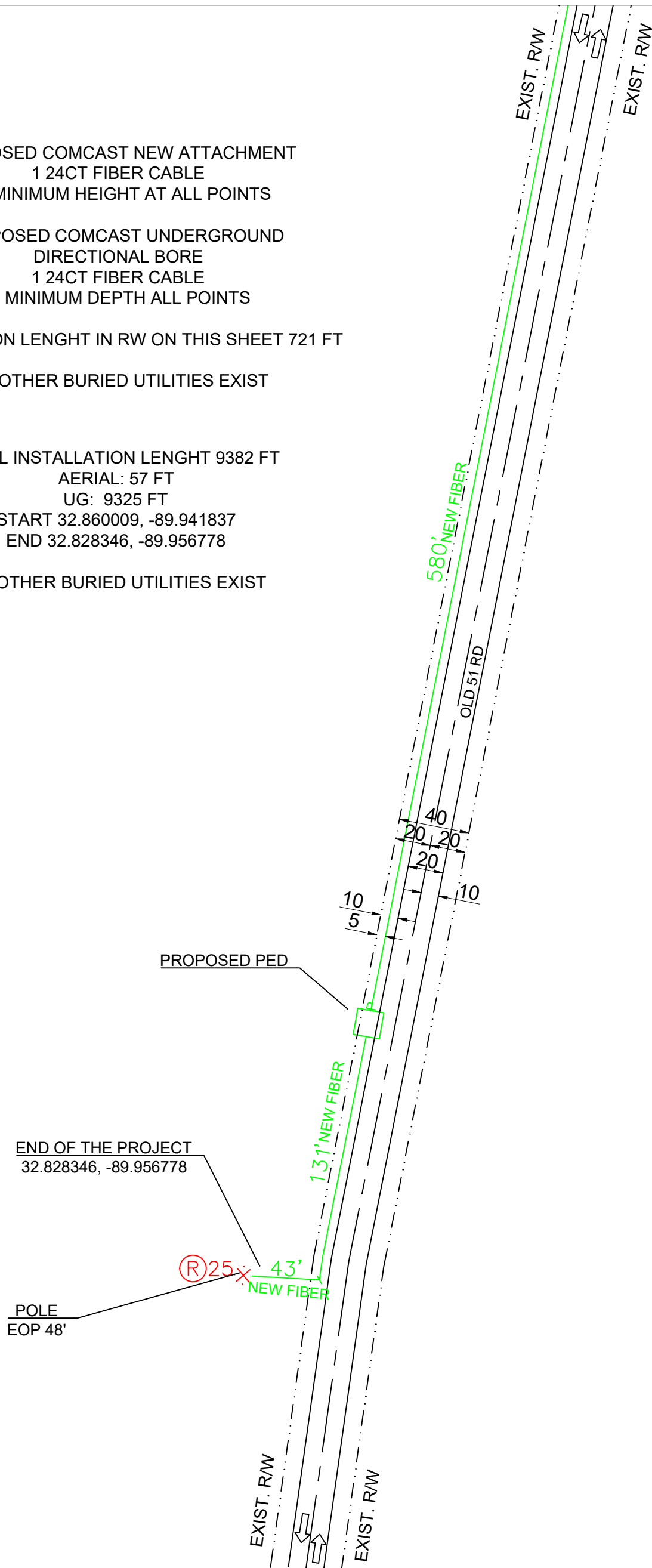
TOTAL INSTALLATION LENGTH 9382 FT
AERIAL: 57 FT
UG: 9325 FT

START 32.860009, -89.941837
END 32.828346, -89.956778

NO OTHER BURIED UTILITIES EXIST

NO MATCH SHEET

NO MATCH SHEET



NO MATCH SHEET

| | | | | |
|---------------------|--|--|---|--|
| <p>PREPARED BY:</p> | <p>⊗ ⊗ ⊗ ⊗ EXISTING POLE</p> <p>□ PROPOSED PEDESTAL</p> <p>□ PROPOSED VAULT</p> <p>W WATER VALVE</p> <p>F FIBER MARKER</p> <p>C GAS MARKER</p> <p>MH MANHOLE</p> <p>SM SEWER MANHOLE</p> <p>SD STORM DRAIN</p> | <p>----- RIGHT OF WAY LINE</p> <p>----- IRRIGATION LINE</p> <p>----- WATER LANE</p> <p>----- GAS LANE</p> <p>⋈ PROPOSED ANCHOR</p> <p>Ⓜ25 PROPOSED RISER</p> | <p>--- PROPOSED COAXIAL CABLE</p> <p>--- PROPOSED FIBER CABLE</p> <p>--- PROPOSED DIRECTIONAL BORE</p> <p>--- EXISTING CABLE</p> <p>--- COUNTY LINE</p> | <p>ENGINEERED FOR:</p> <p>MADISON COUNTY</p> <p>OAKS RD/OLD 51 RD</p> <p>TRANSPORT FIBER</p> |
| | <p>LEGEND:</p> <p>RW - RIGHT OF WAY</p> <p>EOP - EDGE OF PAVEMENT</p> <p>DW - DRIVEWAY</p> <p>PDW - PAVED DRIVEWAY</p> | <p>NOTES:</p> <p>BORE HOLE TO BE FILLED SAME DAY</p> <p>VAULT HOLE TO BE FILLED SAME DAY</p> <p>ALL HOLE TO BE TAMPED AND SODDED</p> | | <p>NO SCALE</p> <p>SHEET 14 OF 14</p> |